CLAIM AMENDMENTS

1. (Currently Amended) A ~~soft flexible helical~~ vasoocclusion coil for use with a wire having a distal end, said coil having:

a proximal end;

a coupling member disposed on said proximal end and configured to detachably couple said proximal end to the distal end of the wire;

a distal end;

a coiled body ~~further wound into a helical structure~~ formed of a multiplicity of windings having a proximal-most winding, a distal-most winding, and main body windings between said proximal-most and distal-most windings, said main body windings having a uniform first diameter, and said proximal-most and distal-most winding a second diameter smaller than said first diameter, wherein said proximal end and said distal end are positioned radially inwardly of said proximal-most and distal-most windings, respectively, and said coiled body acts to occlude a vessel or a cavity when placed within the vessel or cavity; and

fibers attached to said windings for facilitating embolization.

2. (Cancelled).

3. (Previously Amended) The coil of claim 1 wherein said coupling member is configured to detachably interlock with the distal end of the wire.

4. (Currently Amended) An assembly for use in occluding a vessel or a cavity within a vessel comprising:

an elongated wire having a distal end that carries a first coupling member; and

a ~~soft flexible helical~~ vasoocclusion coil having:

a proximal end;

a second coupling member disposed on said proximal end and detachably coupled to said first coupling member;

a distal end;

a coiled body ~~further wound into a helical structure~~ formed of a multiplicity of windings having a proximal-most winding, a distal-most winding, and main body windings between said proximal-most and distal-most windings, said main body windings having a uniform first diameter, and said proximal-most and distal-most winding a second diameter smaller than said first diameter, wherein said proximal end and said distal end are positioned radially inwardly of said proximal-most and distal-most windings, respectively, and said coil acts to occlude a vessel or a cavity when placed within the vessel or cavity; and

fibers attached to said windings for facilitating embolization.

5-17. (Cancelled)

18. (Currently Amended) The coil of claim 1, ~~further comprising fibers attached to said windings for facilitating embolization~~ wherein said coil is a helical vasoocclusion coil.

19. (Previously Added) The coil of claim 1, wherein said first diameter is in the range of 0.2 mm to 30 mm.

20. (Previously Added) The coil of claim 1, wherein said first diameter is in the range of 2.0 to 20 mm.

21. (Previously Added) The assembly of claim 4, wherein said second coupling member detachably interlocks with said first coupling member.

22. (Currently Amended) The assembly of claim 4, wherein said coil ~~further comprises fibers attached to said windings for facilitating embolization~~ is a helical vasoocclusion coil.

23. (Previously Added) The assembly of claim 4, wherein said first diameter is in the range of 0.2 mm to 30 mm.

24. (Previously Added) The assembly of claim 4, wherein said first diameter is in the range of 2.0 mm to 20 mm.

25. (Currently Amended) A ~~soft flexible helical~~ vasoocclusion coil, comprising:

a proximal end;

a distal end;

a coiled body ~~further wound into a helical structure~~ formed of a multiplicity of windings having a proximal-most winding, a distal-most winding, and main body windings between said proximal-most and distal-most windings, said main body windings having at least one winding having a first diameter, and said proximal-most and distal-most winding a second diameter smaller than said first diameter, wherein said proximal end and said distal end are positioned radially inwardly of said proximal-most and distal-most windings, respectively, and said coiled body acts to occlude a vessel or a cavity when placed within the vessel or cavity; and

fibers attached to said windings for facilitating embolization.

26. (Currently Amended) The coil of claim 25, ~~further comprising fibers attached to said windings for facilitating embolization~~ wherein said coil is a helical vasoocclusion coil.

27. (Previously Added) The coil of claim 25, wherein said wherein said first diameter is in the range of 0.2 mm to 30 mm.

28. (Previously Added) The coil of claim 25, wherein said first diameter is in the range of 2.0 to 20 mm.

29. (Previously Added) The coil of claim 25, wherein said at least one winding comprises all windings of the main body windings, and said first diameter is a uniform diameter.

30. (Currently Amended) An assembly for use in occluding a vessel or a cavity within a vessel comprising:

an elongated wire having a distal end; and

a ~~soft flexible helical~~ vasoocclusion coil mounted to said distal end of said wire, said coil having:

a proximal end;

a distal end;

a coiled body ~~further wound into a helical structure~~ formed of a multiplicity of windings having a proximal-most winding, a distal-most winding, and main body windings between said proximal-most and distal-most windings, said main body windings having a first diameter, and said proximal-most and distal-most winding a second diameter smaller than said first diameter, wherein said proximal end and said distal end are positioned radially inwardly of said proximal-most and distal-most windings, respectively, and said coil acts to occlude a vessel or a cavity when placed within the vessel or cavity; and

fibers attached to said windings for facilitating embolization.

31. (Currently Amended) The assembly of claim 30, ~~further comprising fibers attached to said windings for facilitating embolization~~ wherein said coil is a helical vasoocclusion coil.

32. (Previously Added) The assembly of claim 30, wherein said first diameter is in the range of 0.2 mm to 30 mm.

33. (Previously Added) The assembly of claim 30, wherein said first diameter is in the range of 2.0 to 20 mm.

34. (Previously Added) The assembly of claim 30, wherein said at least one winding comprises all windings of the main body windings, and said first diameter is a uniform diameter.